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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/917,995	07/30/2001	James S-B Spragins	SPRG1	9763
26663	7590	01/27/2005	EXAMINER	
LARRY J. GUFFEY WORLD TRADE CENTER - SUITE 1800 401 EAST PRATT STREET BALTIMORE, MD 21202				NGUYEN, MAIKHANH
		ART UNIT		PAPER NUMBER
		2176		

DATE MAILED: 01/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/917,995	SPRAGINS, JAMES S-B	
Examiner	Art Unit		
Maikhahan Nguyen	2176		

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 11 November 2004.  
2a)  This action is **FINAL**.                            2b)  This action is non-final.  
3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## **Disposition of Claims**

4)  Claim(s) 1-30 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-30 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_\_.

***DETAILED ACTION***

1. This action is responsive to communications: Amendment filed 11/11/2004 to the original application filed 07/30/2001.
2. Claims 1-30 are currently pending in this application. Claims 1, 11, and 21 are independent claims.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 7-8, 10-13, 17-18, 20-23, 27-28 and 30 are rejected under 35 U.S.C. 103(a) as being **Newbold et al.** (5,576,955 – issued 11/1996). Newbold was cited in the previously Office Action.

**As to independent claim 1:**

- a. Newbold teaches a method for providing feedback (*e.g., processing errors; col.2, line 7*) on an electronic writing (*e.g., a document; col.2, line 8*) created with a word processing software (*e.g., word processing software; col.2, lines 12*) and wherein the writing being displayable using the software on a video display (*e.g.,*

*display 10; col.3, lines 35-36) of a computer system (e.g., a computer system; col.2, lines 17-18), the method comprising the steps of:*

- (i) developing a set of editorial markings that are insertable into the writing (e.g., *once the text has been scanned and error units have been generated for the error detected during the scanning, the Error List is built; col.7, lines 64-66*);
- (ii) selecting from the set of editorial markings a marking to be inserted into the writing (e.g., *The proofreading functions are selectable from the Proofreading Screen ... the current error is located and highlighted in the text in the Text Window; col.8, lines 33-41*);
- (iii) inserting the marking into the electronic writing (e.g., *The message Window is filled with a descriptive message regarding the current error ... The most-likely correction in the first correction suggestion in the list of suggestion alternatives previously generated. CorrectWith is filled with the most-likely correction at processing block 406; col.8, lines 43-59*); and

- (ii) saving information pertaining to the inserted marking in the computer system (e.g., *Learn adds the current word to the proofreading; col.5, lines 39-51*).

b. Newbold does not specifically teach “establishing a database.”

c. It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have applied Newbold’s teachings to include “establishing a database” because it would have provided the ability to group errors. Thus, a

more intuitive interface is provided to facilitate the proofreading exercise. Further, operator interaction is minimized and simplified.

d. The fact that the Newbold's teachings "*the Proofreading Screen further provides the followings proofreading functions: Correct, Ignore, Learn, Undo, AutoCorrect, Disable, Done, ErrorList, and ErrorList Suggestions/Hide Suggestions ... Learn adds the current word to the proofreading dictionary*" (col.5, lines 38-51) and the purpose of adding the current word to the proofreading dictionary in Newbold suggests "establishing a database".

**As to dependent claim 2:**

Newbold teaches compiling summary statistics for the saved markings that communicate information pertaining to the use of the markings in the writing (*col.5, lines 38-51*).

**As to dependent claim 3:**

Newbold teaches filtering the inserted markings so that only a specified portion of such markings remain in the writing when it is returned to its writer (*col.10, lines 26-34 & item 256 in Fig.3 and item 434 in Fig.4C*).

**As to dependent claim 7:**

Newbold teaches chosen from the group consisting of information on the writing's punctuation, capitalization, italicization, grammar, word usage, content or form (*e.g., addressing errors such as spelling, grammar, usage, punctuation, broken words, doubled words, and capitalization; Abstract / col.2, lines 11-21 & col.4, lines 16-29*).

**As to dependent claim 8:**

Newbold teaches the compiled summary statistics communicate information selected from the group consisting of information pertaining to: (a) specified skills that the writer would need to focus upon in order to improve the writer's writing skills writer (*col.10, lines 26-34 & item 256 in Fig.3 and item 434 in Fig.4C*), (b) for a series of the writings by the same writer, the writer's progress towards improvement in those areas identified by the inserted markings as needing improvement, (c) for a collection of writings by a group of writers who are being instructed as a group, the group's general areas denoted by the inserted markings as needing improvement, and (d) for a series of writings by the group, the group's progress towards improvement in those areas identified by the inserted markings as needing improvement (*col.1, lines 54-62 / col.4, lines 8-29 & col.6, lines 52-67*).

**As to dependent claim 10:**

Newbold teaches the inserted marking having an associated editorial comment that is insertable in the writing (*Abstract/ col.2, lines 6-20 and col.8, lines 43-59*).

**As to independent claim 11:**

It is directed to a computer program product for implementing the method of claim 1, and is similarly rejected under the same rationale.

**As to dependent claims 12-13, 17-18 & 20:**

They include the same limitations as in claims 2-3, 7-8, & 10, and are similarly rejected under the same rationale.

**As to independent claim 21:**

It is directed to a system for implementing the method of claim 1, and is similarly rejected under the same rationale.

**As to dependent claims 22-23, 27-28 & 30:**

They include the same limitations as in claims 2-3, 7-8, & 10, and are similarly rejected under the same rationale.

4. Claims 4-6, 9, 14-16, 19, 24-26 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Newbold** in view **Driscoll et al.** (5,987,302 – issued 11/1999). Driscoll was cited in the previously Office Action.

**As to dependent claims 4-6, 14-16 and 24-26:**

- a. Newbold does not explicitly teach “hyperlinking the inserted marking to a website that exists on a network of linked computers.”
- b. Driscoll teaches hyperlinking the inserted marking to a website that exists on a network of linked computers (*col.3, lines 8-10; col.7, lines 34-54; col.9, line 66-col.10, line 14*).
- c. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the feature Newbold in the system of Driscoll because it would have provided the capability for offering students the opportunity to prepare practice essays, submit the essays to trained, expert readers, and retrieve an evaluation at the student’s convenience.

**As to dependent claims 9, 19 and 29:**

- a. Newbold does not explicitly teach “the website having information chosen from the group consisting of detailed explanations of the markings and exercises that one can undertake in order to strengthen those writing skills which are denoted by the inserted markings as representing areas in which the writer needs improvement.”
- b. Driscoll the website having information chosen from the group consisting of detailed explanations of the markings and exercises that one can undertake in order to strengthen those writing skills which are denoted by the inserted markings as representing areas in which the writer needs improvement (*col.4, lines 47-65/ col.6, line 50 – col.7, line 1*).
- c. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the feature Newbold in the system of Driscoll because it would have provided the capability for providing useful instructional feedback to students about their skills relative to the assessment or test that the student wishes to take.

***Response to Arguments***

5. Applicant’s arguments filed 11/11/2004 have been fully considered but are moot in view of the new ground(s) of rejection.

*Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Travis et al.            U.S Patent No. 5,765,180            issued: Jun. 09, 1998

Fein et al.            U.S Patent No. 6,012,075            issued: Jan. 4, 2000

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhahan Nguyen whose telephone number is (571) 272-4093. The examiner can normally be reached on Monday - Friday from 9:00am – 5:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H Feild can be reached on (571) 272-4090.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Maikhahan Nguyen  
January 23, 2005



JOSEPH FEILD  
SUPERVISORY PATENT EXAMINER